## Methods

One hundred thirty-six individuals (54% females, aged 18-22) were recruited from the University of California, Riverside undergraduate program. Two sets of images were shown to participants: altered and unaltered images retracted from the MST dataset. All images were presented on an LCD monitor, subtended a visual angle of 2.9° to 12.9° in width and 4.0° to 12.8° in height. Each image was presented for 50ms, including the blank screen. The sets of changed and unchanged images were alternated repetitively until the participant noticed the difference, signaled by a push of a button. In the flicker condition, a blank screen in shown between the unchanged and changed image. In the non-flicker condition, no blank screen was presented.

## Results

Data was Analyzed using spss using the t test paired method. A significant difference is found between flicker and non flicker (Mf = 10599.0882, Mnf = 5976.0882 ; t = 1.656, p = .00000118)